



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141161

Mode: Highway

Status: Submitted

(NEW (Brick Landing Rd))

From/Cross Street: SR 1143 (Brick Landing Rd)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: SR 1202 (Shallotte Blvd)

Project Category: Division Needs

Length: 2.37

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$20,066,000

Description:

Construct new Bridge from Brick Landing Road (SR 1143) to Shallotte Blvd (SR 1202).

Division(s): Division 3

County(s): BRUNSWICK

MPOS(s)/RPO(s): Grand Strand Transportation Study Area

Project Location



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 34.51

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 39.05 Safety (20%) 7.84 Multimodal + [Freight & Military] (10%) 1.33 Totals: Weight: 50% Weighted Score: 9.51	Percent: 25% Points: 0	Percent: 25% Points: 100

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	5.9
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	9304.22
Capacity:	15800.03
Volume/Capacity Ratio:	0.59
% Autos:	97%
% Trucks:	3%
Truck Volume:	265.19
Crash Density:	11.76
Crash Severity:	0
Critical Crash Rate:	11.76
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	98
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	2E - 2 Lane Undivided with Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	2.37
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	10786426.05
Travel Time Savings for 30 Years (Autos):	10478992.43
Travel Time Savings for 30 Years (Trucks):	307433.62
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	GSATS 2035 Long Range Transportation Plan (LRTP) – Appendix H “North Carolina”
CTP/LRTP Completion Year:	2014
Submitted by:	Grand Strand Transportation Study Area

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Grand Strand Transportation Study Area	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$16,511,000	Cost Estimation Tool
Right-of-Way Cost:	\$3,174,000	Cost Estimation Tool
Utilities Cost:	\$381,000	Cost Estimation Tool
Total Project Cost:	\$20,066,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$20,066,000	